

CZERNIC, Hanna
JANCZUK, Zbigniew; CZERNIC, Hanna

Leukoplakia of the oral cavity as an occupational diseases of
the workers of chemical industry. Czas.stomat.8 no.8:309-314
Aug '55.

1. Z Zakladu Stomatologii Zachowawczej A M w Lodzi. Kierownik:
doc.dr M. Fuchs. Lodz, Nowotki 21, Zaklad Stom. Zachowawczej.

(LEUKOPLAKIA

mouth, occup.dis. in workers of chem.indust.)

(MOUTH, diseases

leukoplakia, in workers of chem.indust.)

(OCCUPATIONAL DISEASES

leukoplakia of mouth in workers of chem.indust.)

CZERNIC, Stanislaw; LAZOWSKA, Stefania; KLIMCZAK, Zdzislaw

Osteomyelitis of flat bones of the skull in diseases of the ear and paranasal sinuses. Otolaryng. Pol. 18 no.2:263-270 '64.

1. Z Oddziału Otolaryngologicznego Szpitala Miejskiego Nr 4 w Warszawie (Kierownik: dr. med. W. Gadomski) i z Oddziału Otolaryngologicznego Instytutu Reumatologicznego w Warszawie (Kierownik: dr. med. T. Bardadin).

CZERNIC-LEHMAN, Hanna; SOBOLEWSKI, Jozef

On the role of some endogenous factors in the etiopathogenesis of periodontosis in the light of recent studies. Pol. tyg. lek. 19 no.7:269-270 10 F '64.

1. Z Zakladu Stomatologii Zachowawczej Akademii Medycznej w Lodzi (kierownik: prof. dr Mieczyslaw Fuchs).

ACCESSION NR: AP4039357

P/0047/64/015/002/0173/0189

AUTHOR: Czernichowski, Albin

TITLE: Spectral methods of determining the temperature of a thermal plasma

SOURCE: Postepy fizyki, v. 15, no. 2, 1964, 173-189

TOPIC TAGS: plasma temperature determination, thermal plasma temperature, cool plasma temperature, spectral temperature measurement

ABSTRACT: The spectral methods of determining plasma temperatures reviewed in the article apply to temperatures up to about 50,000°K, the latter being the maximum temperature achievable in ordinary plasma generators. The following methods are discussed: (1) Methods based on the temperature dependence of the intensity of the spectral line emitted by a collection of excited particles; these methods include the measurement of relative intensities of two or more spectral lines, the measurement of relative intensity along a single spectral line, and the measurement of intensity distribution in molecular spectra; (2) Method of determining the profile of a spectral line;

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ACCESSION NR: AP4039357

(3) Method of spectral line reversal; (4) Measurement of the spectral line width (Doppler effect); (5) Analysis of the electron continuum. Orig. art has: 12 figures, 11 formulas, and 1 table.

ASSOCIATION: Katedra Chemii Nieorganicznej Politechniki Wroclawskiej (Department of Inorganic Chemistry of the Wroclaw Polytechnic School); Zaklad Fizyko-Chemicznych Badan Strukturalnych PAN, Wroclaw (Laboratory of Structural Physico-chemical Research, PAN)

SUBMITTED: 00

DATE ACQ: 12Jun64

ENCL: 00

SUB CODE: ME ,GP

NO REF SOV: 002

OTHER: 025

Card 2/2

BENESCH, Ryszard, dr inz.; JANOWSKI, Jan, dr inz.; CZERNICHOWSKI,
Krystian, mgr inz.

Problems of reaction kinetics of reducing silicon from blast
furnace slags. Hutnik P 31 no.1/2:38-41 Ja-F'64

PAUNESCU-PODEANU, A., Prof.; MANIU, I., dr.; BALTACEANU, O., dr.;
KRAUS, N., dr.; CZERNICK, I., dr.

The phenomenon of hemoclasia and allergy in pathogenesis of some
of the complications of gastric resection. Med. int., Bucur. 4 no.
8:1104-1111 Dec 56.

(GASTRECTOMY, complications
pathogen., allergy & hemoclasia)
(ALLERGY
in etiol. of post-gastrectomy digestive & resp. disord.)
(BLOOD DISEASES
hemoclasia in etiol. of post-gastrectomy compl.)

KEDRA, Mieczyslaw; CZERNICKA, Halina; ROZEK, Stanislaw

Behavior of blood GOT, GPT and aldolase in chronic circulatory insufficiency. Pol. tyg. lek. 17 no.15:541-547 9 Ap '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Lublinie; kierownik: prof. dr med. M. Kedra.

(TRANSAMINASES blood) (ALDOLASE blood)
(HEART FAILURE CONGESTIVE blood)

CZERNICKA, Halina; DMOWSKI, Gustaw

Hypertrophic liver cirrhosis with hyperproteinemia and macroglobulinemia. Pol. tyg. lek. 17 no.19:756-758 7 My '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik: prof. dr M. Kedra.

(SERUM GLOBULIN) (BLOOD PROTEINS)
(LIVER CIRRHOSIS blood)

CZERNICKI, Jozef

On new geologic trails, new problems of prospecting. Wlad naft 6
no.9:193-194 S '60. (EEAI 10:1)
(Poland--Petroleum)

CZERNICKI, J.

Geologic works and drilling in the Polish Lowland. Wiad naft 7
no.5:118-119 My '61. (EEAI 10:9)

(Geology)

CZERNICKI, Jozef

Prospects for the development of Poland's bases of mineral raw materials according to Soviet evaluation. Wiad naft 7 no.11:241-242 '61.

(Poland—Mines and mineral resources)

CZERNICKI, Jozef

Weglowka, an old mine and new problems. Wlad naft 7 no.6:121-123
Je '61.

(Poland--Mines and mining)

CZERNICKI, Jozef; KLEBA, Jozef

Selected problems of the Miocene in the foreland of the Central
Carpathians. Wiad naft 8 no.1:6-9 '62.

CZERNICKI, Jozef

Petroleum prospecting in the lowland in the Zechstein Dolomite. Wiad
naft 8 no.1:21-22 '62.

CZERNICKI, Jozef

A geology course - conference in the region of Przedgorze
and przemysl Carpathians. Wiad naft 7 no.12:267-270 '61.

CZERNICKI, Jozef

Following the traces of the beginnings of the petroleum industry
in Poland; an Ignacy Lukasiewicz Street in the city of Jaslo.
Wlad naft 8 no.8:192 Ag '62.

CZERNICKI, Jozef; KLEBA, Jozef

Natural potentials in bore holes. Wiad naft 8 no.3:49-51 Nr
'62.

CZERNICKI, Jozef

Some remarks on the geological structure and prospecting possibilities of the Carpathian highlands toward the West of the Dunajec and Vistula Rivers. Wlad naft 8 no.6:138-139 Je '62.

CZERNICKI, Jozef

Problem of relative elements of the Carpathian border region.
Wlad naft 11 no.4:93 Ap '63.

CZERNICKI, Jozef

An interesting highly resistant insert in the strata of the overthrust front of the Flysch Carpathians on the Miocene of the foreland of the Central Carpathians. Wlad naft 11 [1.8. 9] no.3:49-52 Mr '63.

CZERNICKI, Jozef

Comission for the Coordination of Activities of Various
Engineering Organizations of the Central Technical Org-
ganization in Krosno. Wiad nauk 9 no. 12:286-287 D'63.

CZERNICKI, Jozef

Characteristics of the draw of the Flysch Carpathians on the
Miocene of the Central Carpathian Foreland. Wiad naft 9 no.7/8:
149-154 J1-Ag '63.

CZERNICKI, Jozef

From the Carpathian Mountains to the Pre-Sudetic monocline
and the Sudetes. Wlad naft 10 no. 1: 21-23 Ja '64.

CISEK, Boleslaw; CZERNICKI, Jozef

The gas-bearing problem of the Miocene horizons of the external zone before the front of the Carpathian and Stebnice overthrust. Wiad naft 10 no.6:129-130 Je '64.

0.002, Bureslaw; 0.001, 0.001

Examples of increased curve coefficients in water bearing
horizons. Head raft 10 no. 9:190-202 1964

CZERNICKI, S.; Wysocka, W.; Gwozdz, J.

Actual weight tolerances of pressure-welded and seamless tubes. p. 387.
(NORMALIZACJA. Vol. 24, no. 7, July 1956, Warszawa, Poland)

BO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

PRZYLECKA, B., mgr.; CZERNICKI, St.

The many years plan of the Polish Committee of Standards as an indication of carrying out of resolutions of the 4th Plenum of the Central Committee of the Polish United Workers Party in the fields of typification, unification and standardization of the production. Normalizacja P 28 no.9:409-411 S '60.

ZENOWICZ, Bohdan, inż.; CZERNICKI, Stanisław

Automated production lines from standardized elements; automation
and standardization. Przegl techn no.49:3 7 D '60.

CZERNICZKIN, S.

Trepanning tools for boring deep holes. Tr. from the Russian. p. 167.

MECHANIK. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich)
Warszawa, Poland. Vol. 31, no. 10, Oct. 1958.

Monthly list of East European Accessions Index, (EEAI), LC, Vol. 8, no. 6,
June 1959
uncla.

ZENCWICZ, B., inz.; CZERNICKI, S.

Standardization must have a uniform system. Przegl techn 81 no.22:
12-14 Je '60.

ZENOWICZ, B.; CZERNICKI, St.

Industry applies automated machine production lines. Przegl
techn no.50:3,4 14 D '60.

URICH, Rudolf, mgr inz.; GIERULLEWSKI, Janusz, mgr inz.

Application of transistors in high-quality radio network
receivers. Prace Inst. telecom 7 no.3s121-123 '63

CZERNIELEWSKI, A.

CZERNIELEWSKI, A.

Effect of chlorinated derivatives of naphthalene on the skin.
Med. pracy 5 no.1:57-62 1954.

1. Z Instytutu Medycyny Pracy i z Kliniki Dermatologicznej Akademii
Medycznej w Łodzi.

(NAPHTHALENE, derivatives,

chlorinated deriv., causing skin dis. in workers)

(SKIN, diseases,

caused by naphthalene chlorinated deriv. in workers)

(OCCUPATIONAL DISEASES,

skin dis. caused by chlorinated deriv. of naphthalene)

CZERNIELEWSKI, A.

CZERNIELEWSKI, A.

Prevention of occupational skin diseases caused by oils and lubricants. Med. pracy 5 no.2:145-148 1954.

(DERMATITIS, CONTACT, etiology and pathogenesis,
indust. oils & lubricants, prev. & control)

(OILS, injurious effects,
dermatitis, indust. oils & lubricants)

CZERNIELEWSKI, Antoni; KADLUBOWSKI, Roscislaw.

~~Pracownicy Zakładu~~
Skin diseases in workers of the cotton industry with reference to the functional status of the skin. Przegl.der,Warsz. 5 no.2:85-99 Mar-Apr '55.

1. Z Instytut Medycyny Pracy w Lodzi. Dyrektor: prof.dr B. Paluch
Z Kliniki Dermatologicznej A.M. w Lodzi, Dyrektor: doc.dr J. Lutowiecki. Z Zakladu Patologii Ogolnej A.M. w Lodzi. Dyrektor: prof. dr Fr. Venulet.

(DERMATITIS, CONTACT

in workers of cotton indust.eff. on skin physiol)

(SKIN, in various diseases

dermatitis, contact, in cotton indust.workers, physiol.)

(OCCUPATIONAL DISEASES

dermatitis, contact in workers of cotton indust.)

CZERNIELEWSKI, Antoni; SUFLETA, Zofia

A case of Stevens-Johnson's syndrome in an 11-year-old girl. *Pediat. polska* 34 no.8:1096-1102 Aug 59.

1. Z II Kliniki Chorob Dzieci A. M. w Lodzi Kierownik: prof. dr. med.
Fr. Redlich i z Kliniki Dermatologicznej A. M. w Lodzi Kierownik: doc.
dr med. J. Lutowiecki.
(ERYTHEMA MULTIFORMS, in inf. & child)

CZERNIELEWSKI, A.

Immediate and remote results in the treatment of chronic lupus erythematosus with atabrine. Przegl. dermat. 48 no.8/10:273-281 '61.

1. Z Kliniki Dermatologicznej A.M. w Łodzi Kierownik: Prof. dr J. Lutowiecki.
(QUINACRINE ther) (LUPUS ERYTHEMATOSUS ther)

BIELINSKA, W.; CZERNIELEWSKI, A.; PACANOWSKA, M.

3 cases of Rothmund-Thomson syndrome in brothers and sisters. Pediat.
pol. 37 no.6:635-640 Je '62.

1. Z II Kliniki Chorob Dzieci AM w Lodzi Kierownik: prof. dr. med.
Fr. Redlich i z Kliniki Dermatologicznej AM w Lodzi Kierownik: prof.
dr med. J. Lutowiecki.
 (SKIN dis) (KERATOSIS in inf & child)
 (CATARACT in inf & child)

OZCZMIELEWSKI, Antoni; OLSZEWSKA, Zofia

Results of the treatment of syphilis in the light of immediate and remote control. Przegl. dermat. 49:295-296 '62.

1. Z Kliniki Dermatologicznej AM w Łodzi Kierownik: prof. dr J. Lutski
(SYPHILIS)

POLAND

CZERNIELEWSKI, Antoni, ONISK, Zbigniew, and WIACEK, Tadeusz,
Dermatological Clinic (Klinika Dermatologiczna), AM [Akade-
mia Medyczna, Medical Academy] in Lodz (Director: Prof. Dr
med. Jerzy LUSWIECKI)

"Complications Appearing in the Course of Gold Salts Therapy."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 4, 21 Jan 63,
pp 134-136.

Abstract: [Authors' English summary] Attention is drawn
to complications occurring in the course of treating rheuma-
toid arthritis with gold salts and concerning mainly the skin
and mucous membranes. Masking effect of cortisone on the
reaction to gold salts and the reactions with non-specific
course, similar to other dermatoses are mentioned. Of the
37 references, one is French, 7 German, 9 English, and the
others Polish.

1/1

CZERNIELEWSKI, Antoni

Evaluation of cutaneous resistance to experimental effects of alkali as an index of the predisposition to occupational sensitization in the chemical industry. Przegl. dermat. 50 no.4:301-305 '63.

1. Z Kliniki Dermatologicznej AM w Lodzi Kierownik: prof. dr J. Lutowiecki.

(SKIN TESTS) (OCCUPATIONAL DERMATITIS)
(ALKALIES) (CHEMICAL INDUSTRY)

CZERNIELEWSKI, Antoni; BRYKALSKI, Dariusz; DEPCZYK, Danuta

Experimental studies on the absorption through the skin of
the Cr51 radioisotopes. Przegl. dermat. 50 no.5:411-420 '63.

1. Z Kliniki Dermatologicznej AM w Lodzi Kierownik: prof.
dr J. Lutowiecki Z Instytutu Medycyny Pracy w Lodzi Dyrektor:
doc. dr J. Nofer.

(CHROMIUM ISOTOPES) (SKIN) (ABSORPTION)
(PERMEABILITY)

THE UNIVERSITY OF CHICAGO, CHICAGO, ILL.

on the production of Polio, and Stanley et al. (1965),
and Levin et al. (1965).

CZERNIEWSKI, Wieslaw

Studies on the proteinuria in late pregnancy toxemias and in nephrotic syndrome using paper electrophoresis. Ginek. Pol. 36 no. 12:1333-1340 D ' 65.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Gdansk (Kierownik: prof. dr. med. W. Gromadzki) i z Oddzialu Wewnetrznego Szpitala Wojewodzkiego w Gdansk (Ordynator: dr. med. J. Jakesch).

CZERNIENKO, D.M.

POLAND/Chemical Technology - Chemical Products and Their
Application - Ceramics, Glass, Binders, Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8850

Author : Czernienko D.M.

Inst :

Title : Cohesion of Cement Paste with Agglomerate and Steel in
Concrete and Reinforced Concrete.

Orig Pub : Mater. budowl., 1957, 12, No 5, 148-149

Abstract : Description of the results of microscopic and x-ray studies and of mechanical tests of concrete and reinforced concrete. It was found that at the boundary between agglomerate and the solidified micro-concrete (cement stone) are formed, as a result of various physical and physico-chemical processes, junction layers which differ sharply, in their structure, from micro-concrete, and have a characteristic crystal lattice. On the properties of these juncture layers, and on the structure of the

Card 1/2

OZFRNTIMEC, D.M.

Problems of the structure of concrete.

P. 297, (Inżynieria i Budownictwo. Vol. 14, no. 9, Aug. 1957, Warszawa, Poland.)

Monthly Index of East European Accessions (FFAI) LC. Vol. 7, no. 2,
February 1958

~~TOP SECRET~~
JAN, CZERNIEWICZ

Poland /Chemical Technology, Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32866

Author : Czerniewicz Jan

Title : Storage of Vinasse at Alcohol Plants

Orig Pub: Przem. spozywczy, 1955, 9, No 10, 421-422

Abstract: A physico-chemical analysis has been made of the vinasse obtained at alcohol plants and also of the filtrate obtained on its centrifugation and filtration. The following were determined: solids, ash content, total and assimilatable proteins, cellulose, pentosans, refraction, acidity and specific gravity. It was found that considerable amounts of nutrients are left in the

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Poland /Chemical Technology. Chemical Products
and Their Application

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Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32866

filtrate. In the case of concentration of
vinasse by decantation or on seepage through
the walls of storage containers, there can
be lost together with the liquid up to 40%
solids, including 65% ash and assimilatable pro-
tein, 60% of nitrogen-free substances and 30% of
total proteins.

Card 2/2

CZERNIEWICZ, J.

Changes in maize during soaking. p. 425 Vol. 9, no. 10, Oct. 1955

PRZEMYSŁ SPOŻYWCZY

Warszawa

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, no. 3, Mar. 1956

CZERNIEWICZ, J.

Increase of technical writings on brewing. p. 516.

PRZEMYSŁ SPOŻYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955.

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no. 3, Mar. 1956.

CZERNIEWSKA, M.

Polish Technical Abstracts
No. 4, 1953
Agriculture, Food Processing
Industry, Forestry, Fisheries

2165

311:61

• Czerniewska M., Kuzński S. Agricultural Statistics.
„Statystyka rolnicza”. Warszawa, 1953, PWRiL, 160, 29) pp. 12
figs., 63 tabs.

This book is in two parts: Part I. — General bases of statistics — contains fundamental knowledge on the theory of statistics based on examples taken from agriculture, special emphasis being laid on the group methods applied by Lenin; Part II. — Agricultural statistics — contains methods of collecting, preparing and analysing agricultural statistical data. The last chapter sets out to prove agricultural balances as being one of the main problems of agricultural statistics in socialist countries.

CZERNIEWSKA, M.

CZERNIEWSKA, M. Budgets of members of collective farms in 1954 in the light of accounting results of medium-sized agricultural holdings in 1953/1954. P. 127.

No. 3/4, 1956

ZAGEDNIENIA EKONOMIKI ROLNEJ

AGRICULTURE

Warszawa, Poland

So: East European Accession, Vol. 6, no. 3, March 1957

SZARMACH, Henryk; CZERNIEWSKA-ZAWROCKA, Krystyna

Vascular and hemorrhagic changes in purulent diseases of the skin.
Przegl. derm. 49:147-149 '62.

1. Z Kliniki Dermatologicznej AM w Gdansk. Kierownik: prof. dr
F. Miedzinski. Z Zakladu Mikrobiologii AM w Gdansk. Kierownik:
prof. dr S. Krynski.

(PYODERMA) (DERMATITIS) (GANGRENE) (HEMORRHAGE)
 (VASCULAR DISEASES)

CZERNIEWSKI, Andrzej R.

A self-service laundry in Rumania. Architektura Pol no.9:354-355 '61.

CZERNIEWSKI, IGNACY

Czerniewski, Ignacy Gospodarka trakcyjna. Warszawa, Nakł.
Państwowego Wydawn. Naukowego, 1951. (Akademia Gorniczo-Hutnicza w
Krakowie. Wydziały Politechniczne) (Economy of traction. Vol. 1.
Diagrams. (in separate suppl.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1,
Jan. 1954, Uncl.

CZERWINSKI, J.

Transformerless amplifiers of low audio-frequency.

p. 534 (Tele-radio. Vol. 2, no. 11, Nov. 1957. Warszawa, Poland)

Monthly Index of East European Accessions (EEA) 10. Vol. 1, no. 2,
February 1958

9,2540

S/194/62/000/006/138/232
D256/D308

AUTHORS: Urich, Rudolf, and Czerniewski, Janusz

TITLE: Transistorized stabilized power supply source with
 automatic overload cut-off

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
 no. 6, 1962, abstract 6-5-72 t (Prace Inst. Tele-i
 radiotechn., 1961, 5, no. 3, 109-112)

TEXT: A voltage stabilizer, employing a transistor as a regulating
 element is described. The overload protection cut-off arrangement
 comprises a bistable network acting on the base of the regulating
 transistor via a semiconductor diode. A diagram of the circuit is
 presented including the parameters. The range of voltage stabiliza-
 tion at the output: 2.7 to 14 V; load current: 0 to 500 mA; the
 coefficient of stabilization: 1000 : 1. Two or more sources can be
 connected in series if required. (Inst. tele-i radiotechniczny,
 Poland), [Abstracter's note: Complete translation.]

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B

Card 1/1

ULRICH, Rudolf, mgr inz.; CZERNIEWSKI, Janusz, inz.

Miniature transistor receiver. Prace Inst teletechn 3 no.1:111-114
'59.

P/046/62/007/002/002/003
D256/D302

AUTHORS: Czerniewski, M., and Szulc, P.

TITLE: Critical experiment with graphite reflector in the
WWRs "EWA" reactor

PERIODICAL: Nukleonika, v. 7, no. 2, 1962, 81 - 88

TEXT: The experiment was conducted as a part of the development program aimed at optimizing the fuel utilization in the "EWA" reactor and to verify at the same time the design data for the critical assembly project "MARYLA". The following measurements were performed to obtain information concerning the critical mass and the contribution to the reactivity of separate fuel and reflector elements: 1) Aluminum encapsuled graphite slug reflectors were placed into the channels at the periphery of the active zone of the reactor, and the critical condition was approached by inserting consecutive fuel rods at a reduced speed continuously monitoring the increase of the multiplication constant; 2) The control rods and the regulation rods were calibrated at a lower power level of the reactor.

Card 1/2

Critical experiment with graphite ...

P/046/62/007/002/002/003
D256/D302

tor to obtain their curves of reactivity versus position; 3) Using the obtained calibration curves for the boron regulation rods, the reactivity contributions $\Delta k/k$ % of separate fuel and graphite elements were investigated for various channel positions; 4) The radial distribution of the thermal neutron flux inside the active zone of the reactor was measured by activating gold foils. The obtained distribution is compared with the results of a calculation carried out under assumption of cylindrical symmetry of the system. A. Opatawski, V. Pelka, S. Pszona, J. Podgórski, L. Adamski, and E. Barda participated in this work. There are 6 figures, 1 table and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: A.N.L. "Reactor Physics Constants".

ASSOCIATION: Instytut badań jądrowych PAN, Dział eksploatacji reaktora (Institute of Nuclear Research, PAS, Reactor Operation Division)

SUBMITTED: January, 1962

Card 2/2

L 33011-66

ACC NR: AP6024170

SOURCE CODE: PO/0046/65/010/012/0791/0806

AUTHOR: Czerniewski, Michal--Chernovski, M.; Panta, Przemyslaw--Pan'ta, P.;
Zielecynski, Mieczyslaw--Zol'chin'ski, M.; Zak, Wieslaw--Zhak, V.; Zarnowlocl, Krzysztof--Zharnovetski, K.

ORG: Reactor Exploitation Department, Institute of Nuclear Research, Warsaw; Health Physics Department, Institute of Nuclear Research, Warsaw

TITLE: Bone tissue sterilization¹⁹ using reactor fuel gamma radiation

SOURCE: Nukleonika, v. 10, no. 12, 1965, 791-806

TOPIC TAGS: bone, nuclear fuel, gamma radiation, radiation biologic effect, radiotherapy

ABSTRACT: An absolute ionization method of measurements of doses absorbed in bone tissue, and additional methods were developed. Measurements of spatial dose distribution in grafts were performed. From the detailed analysis it follows that each point of the graft absorbs in sterilization a dose of 3.3 Mrad, with an accuracy of 20%. In the two years of its application the sterilization method developed has proved satisfactory. This was evidenced in sterilization of more than one hundred lyophilized human bone grafts successfully used for therapeutical purposes. The authors thank Professor K. Ostrowski for his suggestion to use the facilities of the BWA reactor for bone tissue sterilization, and also for his valuable comments. The authors also thank Mr. J. Aleksandrowicz for over-all assistance in the project, Docent Z. Zagorski for discussion on the subject of chemical dosimeters and Mr. T. Berens for designing the containers, and general help. Orig. art. has: 12 figures and 14 formulas.

Orig. art. in ENG. / 18 / SUM DATE: 14Oct65 / ORIG REF: 003 / SOV REF: 001 / OTH REF: 027
Card 1/1

0913 1760

ACCESSION NR: AP4005914

P/0046/63/008/009/0601/0606

AUTHOR: Zarnowiecki, K. (Zharnovetski, Kshishtof); Filipiak, B. (Filipyak, Bogdan); Czerniewski, M. (Chernevski, Mikhal)

TITLE: Fission fragment release from a leaky reactor fuel element

SOURCE: Nukleonika, v. 8, no. 9, 1963, 601-606

TOPIC TAGS: fission product, reactor, fuel element, nuclear reactor, fission fragment, VVR-S reactor, radioactive gas

ABSTRACT: Cases of leaks in the Polish WWR-S reactor were analyzed. Theoretical density of the fuel element ceramics is 9.84 g/cm^3 , but the actual density is 5.55 g/cm^3 , or 56% of the theoretical. This means that there is substantial porosity, amounting to about 8 cm^3 per fuel element of 7 mm inside diameter and 500 mm length. There is no data available which would show how much of this volume is composed of closed pores and how much of open pores. The fairly non-uniform distribution of VO_2 in the ceramics points in the direction of open porosity. About 40 cm^3 Kr+Xe is formed in the fission of one gram of ^{235}U under normal temperature and pressure conditions. About 60 cm^3 of gases would be

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ACCESSION NR: AP4005914

formed in burning up 20% of the ^{235}U in the fuel element. Now, if all this gas quantity would be found in the pores, the pressure at 100C would be about 10 atm. Inasmuch as the VO_2 grain size and its temperature inside the fuel element are unknown, the quantity of gas liberated from the VO_2 crystals cannot be computed. The diffusion coefficients for various kinds of VO_2 can also differ greatly. The airtightness of the WWR-S reactor elements was tested by vacuum method and it was found that only the smallest amounts of radioactive gases are leaked out of some process sections. Several shortlived bursts of air activity in the deaerator loop manifested themselves over a five year operating period of the reactor. This indicates that they were caused by the emission of inert gases which, under high pressure, passed through the porosities of the sealed jacket ends of one or of several fuel elements. Hence, the radioactivity of the water in the primary circuit did not increase. This indicates that, besides the inert gases, other fission products did not leak out from the fuel element jacket. This inert gas emission does not present any danger to people in the vicinity of the reactor. The people operating the reactor are in no danger provided the ventilation system is working properly. It can be stated by way of comparison that, under normal operating

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conditions, about 10 curies of ⁴¹Ar are ejected from the reactor's pipe in a day, which cannot cause the formation of even a small fraction of the allowable radioactive gas concentration at any point on the Earth's surface even under the most unfavorable weather conditions. Orig. art. has: 3 figures and 7 equations.

ASSOCIATION: Institut jadernych badan, Warsaw-Sverk (Institute of nuclear research)

SUBMITTED: 07May63

DATE ACQ: 24Jan64

ENCL: 00

SUB CODE: NS

NO REF SOV: 000

OTHER: 018

Card 3/3

COBURN, Wieslaw

SURNAME (in caps); Given Names

Country: Poland

Academic Degrees:

Division of Internal Diseases, Wojewodzki Hospital (Internal
Affiliation: Wojewodzki), Gdansk; 'Ordynator': Jerzy JAKUBCH, dr med.;

Director: Piotr GARDZILINSKI, dr med

Source: Warsaw, Polski Tygodnik Lekarski, No 18, 1 May 1961, pp 688-695.

Data: "Acute Thrombophlebitis of the Portal Vein and its Branches.
Report of Two Cases."

CZERNIEWSKI, Wieslaw

2 cases of acute thrombophlebitis of the portal vein and of its branches. Polski tygod. lek. 16 no.18:683-685 1 My '61.

1. Z Oddziału Chorob Wewnętrznych Szpitala Wojewódzkiego w Gdansk;
ordynator: dr med. Jerzy Jakesch, dyrektor: dr med. Piotr Gardzilewicz.

(THROMBOPHLEBITIS case reports) (PORTAL VEINS dis)

CZERNIK, B.

KODEJSZKO, Eugeniusz; CZERNIK, Andrzej

Ballistocardiography and its clinical significance. Polskie arch.
med. wewn. 24 no.1:39-62 1954.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie.
Kierownik: prof. dr med. J. Węgielko.
(BALLISTOCARDIOGRAPHY,
clin. value)

EXCERPTA MEDICA Sec.6 Vol.12/5 Int. Medicine

May 58

CZERNIK A
2732. DYNAMICS OF THE HEART SYSTOLE IN TRICHINOSIS - Dynamika skurczu serca we włośnicy - Czernik A. and Tatodn J. III Klin. Chor. Wewn. A.M. Warszłwa; Ośrodek Epidemicznego, Płocku - POL. ARCH. MED. WEWNĘT. 1957, 27/6 (763-772) Graphs 7

In order to determine the incidence of lesion of the heart muscle, ballistocardiography and the polygraphic Blumberger's method were performed in 60 cases of trichinosis, derived from the epidemic focus in Płock in 1955. In all the cases abnormalities were found suggesting a myocarditis. The isometric contraction was shortened in 50%, the isotonic contraction lengthened in 95%, while the coefficient of the mechanical contraction was constantly increased. The results of the polygraphic method point to a decrease of contractibility of the myocardium and a decrease of peripheral resistance. It seems that trichinosis is a separate haemodynamic syndrome corresponding to the systolic-diastolic failure of the heart. Irregular ballistocardiograms were seen in 45% of the cases, borderline abnormalities in 40%, and normal in 5%. Characteristic lesions consisted in a decrease of the amplitude, especially of I and K waves. The time relations were changed corresponding to the lengthening of the isotonic contraction. (XVIII, 6)

JOCHWEDS, B.; CZERNIK, A.; SERZYSKO, W.

Studies on the effect of euphyllin on cranial rheogram in patients with cerebral atherosclerosis. Preliminary communication. Polskie arch.med.wewn. 30 no.7:916-917 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik
prof. dr med. E. Kodejszko
(AMINOPHYLLINE ther)
(ARTERIOSCLEROSIS ther)

JOCHWEDS, B.; CZERNIK, A.; SERZYSKO, W.; NISZCZYNSKA, M.

Studies on diagnostic value of cranial rheography in the detection of vascular changes in the so-called primary diabetes in young subjects. Polskie arch.med.wewn. 30 no.7:920-921 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr med. E.Kodejszko
(CEREBRAL ARTERIOSCLEROSIS diag)
(DIABETES MELLITUS compl)

JOCHWEDS, Benjamin; CZERNIK, Andrzej; SERZYSKO, Wieslaw; NISZCZYNSKA, Maria

Studies on the diagnostic value of cranial rheography in detecting vascular changes in the so-called primary diabetes in young subjects. Pelskie arch. med. wewnetrz. 31 no.2:169-174 '61.

1. Z III Kliniki Choroób Wewnetrznych A.M. w Warszawie Kierownik: pref. dr med. E. Kodejszko.

(DIABETES MELLITUS diag) (BRAIN blood supply)

POLAND

Jerolim JOCIMEDS, Andrzej CZERNIK and Wieslaw SERZYNSKI, Third Internal Medicine Clinic, College of Medicine (III Klinika Chorob Wewnętrznych AM/Akademia Medyczna/), Head (kierownik) Prof Dr H. KODJINSKI, Warsaw.

"Rare Case of Cardiac Infarct in 34-Year-Old Woman with Pituitary Overfism."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 45, 5 Nov 1962; pp 1754-1757.

Abstract [English summary modified]: Cardiac infarct in this progeric pituitary dwarf, chronologic age 34, mental age 10, somatic age 4 responded gratifyingly to bed rest, conservative treatment, nitroglycerin. Photograph, 2 roentgenograms, electrocardiogram; 4 Western, 1 Polish ref.

JOCHWEDS, Benjamin; CZERNIK, Andrzej; SERZYSKO, Wieslaw

A rare case of myocardial infarct in a 34-year-old woman with
pituitary dwarfism. Pol. tyg. lek. 17; no. 45: 1754-1757 5 M '62.

1. Z III Kliniki chorob wewnetrznych AM w Warszawie; kierownik:
prof. dr med. E. Kodejszko.
(MYOCARDIAL INFARCT) (DWARFISM PITUITARY)

CZERNIK, Andrzej; SERZYSKO, Wieslaw

Usefulness of cranial rheoangiography in detecting cerebral
arteriosclerosis. Pol. arch. med. wewn. 33 no.3:247-252 '63.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik:
prof. dr med. E. Kodejszko.

(CEREBRAL ARTERIOSCLEROSIS)
(CEREBROVASCULAR CIRCULATION)
(PLETHYSMOGRAPHY)

CZERNIK, A.

Coating polishing wheels with an abrasive grain glued with an inorganic substance.
p. 608.

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich) Warszawa,
Poland, Vol. 32, No. 9, Sept. 1959.

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan. 1960

Uncl.

KSIĘSKI, Stefan, mgr inż.; CZERNIEK, Eugeniusz, inż.

Thanks to good work organization, 108 tons per day from one
shortwall. Wiadom gorn 15 no.3:83-86 Mr '84

CZERNIK, I.

PAVEL, V., Dr.; BIKSZ-WEISS, A., dr.; CHIRITA, P., dr.; DINU, I., dr.;
CZERNIK, I., dr.

Study of the effect of mercurial diuretics on cardiac
decompensation. Med. int., Bucur. 4 no.8:1220 1225 Dec 56.

1. Luorare efectuada la Clinica a II-a medicala (Dir.: prof.
A. Paunescu-Podeanu) I.M.F. - Timisoara.

(CONGESTIVE HEART FAILURE, therapy
mercurial diuretics, mechanism of action, side-effects
& resist.)

(DIURETICS, MERCURIAL, ther. use
congestive heart failure, mechanism of action, side-
effects & resist.)

EXCERPTA MEDICA Sec 18 Vol 3/6 Cardiovascular June 59

1276. The value and clinical significance of variations in the number of circulating eosinophils in cardiac patients Valoarea si semnificatia clinica a variatiilor numarului eozinofilelor circulante la cardiaci. PAVEL V., CZERNIK I. and TODAN N. Lucrare Efectuata in Clin. a II-a Med. I.M.F., Timisoara *Med. interna (Bucuresti)* 1958, 10, 3 (367—370)

In 52 compensated and decompensated cardiac patients, and in a control group, a study was made of the number of circulating eosinophils. At the same time, certain circulatory and respiratory function tests were carried out. A certain parallelism was found between the degree of eosinopenia and the gravity of the decompensation. An increase in the eosinophil count in a heart patient points to a recovery from heart failure.
Nicolaesco - Bucharest (XVIII, 6)

[illegible]

CZERNIK, Tadeusz

Studies on the behavior of the blood platelet adherence index and count in pregnancy, labor and puerperium. Ginek. pol. 34 no.5:557-567 '63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Gdansk.
Kierownik: prof.dr.med. W.Gromadzki.

*

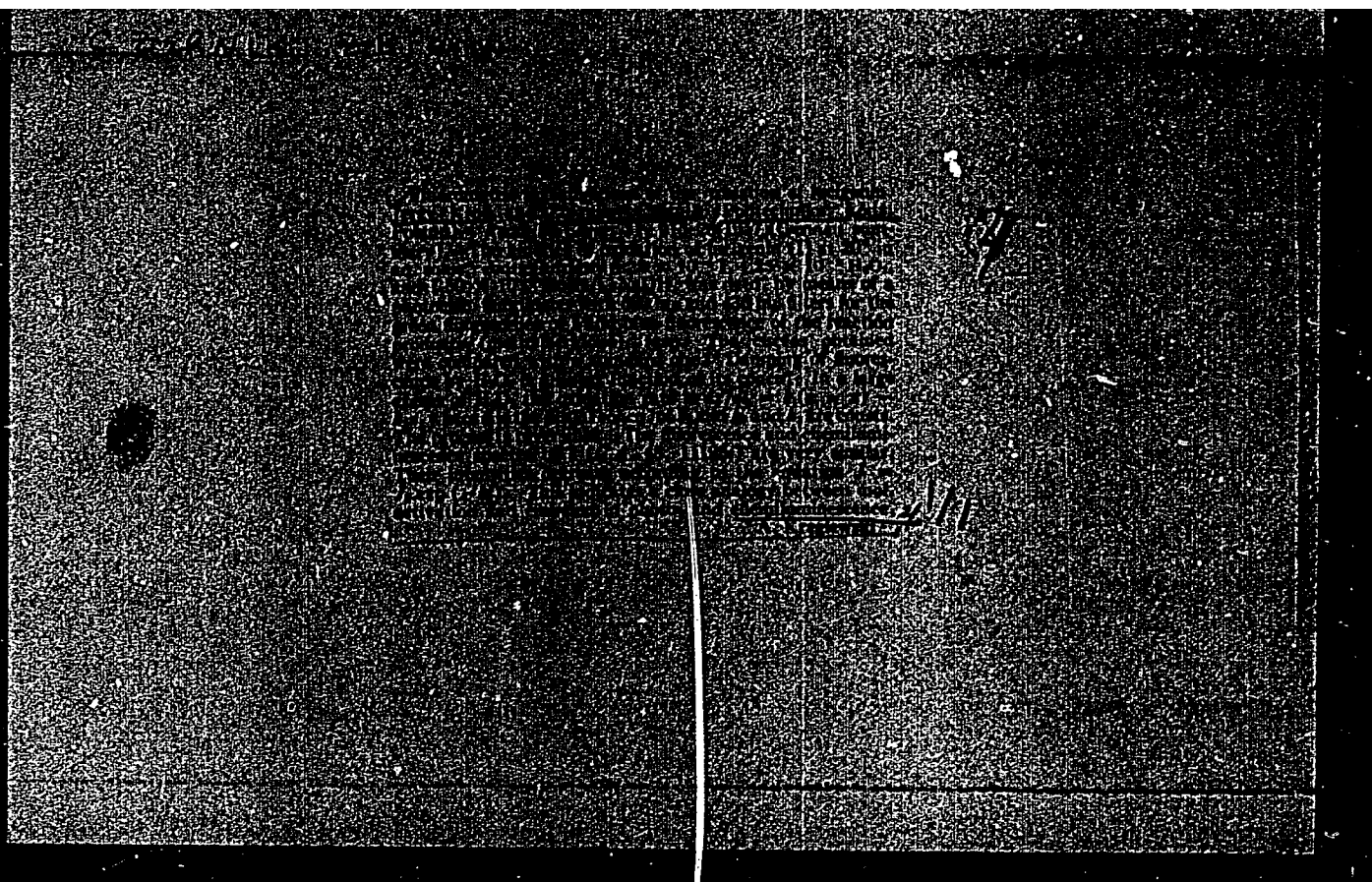
CZERNIK, Tadeusz

Determination of the platelet aggregation in the diagnosis
thrombosis. Wiad. Lek. 15 (1962) 1-200-10-104

1. 2. 11 Krynki. Czerniakowski, Tadeusz Kolekcja Akademii Medycznej
w Gdansk (Etiologia prof. dr. med. T. Czerniakowski).

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510009-2



APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510009-2"

JOCHWESS, Benjamin; CZERNIK, Zdzisław; OSTROWSKI, Kazimierz

Investigations on the effect of small doses of strophanthin on the
ballistocardiogram. Polski tygod. lek. 14 no.5:201-204 2 Feb 59.

1. (Z III Kliniki Chorob Wewn. A.M. w Warszawie; kierownik: prof. dr
nauk med. J. Wegierko) Adres: Warszawa, ul. Oczki 6. III Klin. Chorob
Wewn. A.M.

(STROPHANTHIN, eff.

on ballistocardiogram (Pol))

(BALLISTOCARDIOGRAPHY, eff. of drugs on
strophanthin (Pol))

CZERNIKI, Jozef

The application of television in geology. Wiad neft 6 no.4:86-87
Ap '60. (EEAI 9:7)
(Poland--Geology) (Poland--Television)

CZERNIKOWSKI, J.

Czernikowski J.

Czernikowski J. "The Foraminifera of the 'Flisz' Series of the Silesian Facies on the Confines of the Upper and Lower Cretaceous System." (Otwornice serii fliszowej facjesu slaskiego na pograniczu kredy gornej i dolnej). Nafta, No. 7-8, 1949, pp. 177-180, 7 tabs.

The article contains a brief summary and review of the more important and more common foraminifera, typical for the Godula rocks and Weglowiec marls ranging from the town of Sanok to Skoczow within the Silesian facies. The forms occurring characterise the confines of the upper and lower cretaceous system, from the Albine down to, and including, the Neocomian stage. Photographs illustrate typical forms encountered in the individual states of the Godula series and Weglowiec marls. Among the minute fossils which feature these latter, numerous globigerina are found which do not occur in the Godula series, represented exclusively by agglutinant forms. In the rocks of the Godula series, dolomite crystals have also been determined.

SO: Polish Technical Abstracts - No. 2, 1951

CZERNIKOWSKI, J

Czernikowski J.

Czernikowski J. "Fora minifera of So-Called 'Spotted Eocene' and the Paleogeography Relating to Them in the Area Between Sanok and Gorlice." (Otwornice tzw., "pstręgo eocenu" i jego paleogeografia na obszarze między Sanokiem a Gorlicami). Nafta, No. 5, 1950, pp. 112-122, 1 fig., 6 tabs.

The article is an attempt on the basis of faunas of the foraminifera, to arrange a correlative and stratigraphic division of the Tertiary system of the so-called lying directly in the outcrops of the monilitic series, is featured by the calcareous forms of the foraminifera, with mass occurrence of globigerina, hence the name of globigerina marl given to this stratum. The lower stratum is represented by foraminifera of an exclusively aggluminating form. Further, the lower strata of spotted eocene contains most interesting crystalline dolomite formations. The stratum of globigerina marls belongs to the middle eocene, whereas the lower strata must be considered as belonging to danian and palaeocene.

SO: Polish Technical Abstracts - No. 2, 1951

CZERNIKOWSKI, J.

ca
1950

24
P. C. C. C.

Classification of petroleum deposits. Jerzy Czernikowski.
Najla 6, 181-4, 212-15 (1950). The proposed classification
of petroleum reservoirs into 9 types is based on a considera-
tion of the various factors (structural, stratigraphic, etc.)
which cause accumulation of the oil. Bruno C. Metzner.

CZERNIKOWSKI, JAN.

Ciasta, ciastka, ciasteczka; wypiek domowy. Warszawa, Wydawn. Przemysłu
Lekkiego i Spożywczego, 1957. 298, (1) p. (Cakes, pastries, cookies;
home baking. illus.)

MID

Not in DLC

SO: Monthly Index of East European Accession (MEAI) LC Vol. 7, No. 5, 1958

CZERNIN, W.
CZERIN, W.

Influence of the finest particles in portland cement.
W. Czernin, *Zement-Kalk-Gips* 7, 100-6(1934).—Several
~~com. cements~~ produced in shaft and rotary kilns were
treated with a Wolf air separator to remove the particles in
the 0-4 μ size range. Mortar tests with the treated cements
showed no appreciable gain in bleeding tendencies in spite
of 1000 sq. cm./g. loss in area, the water requirement was
slightly higher, and the setting time increased. Strengths
were lower at early ages but after 1 yr. no difference ap-
peared. Removal of the fines reduced the mortars' resist-
ance to freezing but not to 5% $MgSO_4$ effects. The finest
fractions were high in SO_3 , alkali, and insol. matter, but had
much lower silicate modulus than the total cement.
H. F. Krieger

FOIAND

OSZCZYMOWICZ, Józef, and CZERNIŃSKI, Jerzy, of the Department of Organic Chemistry, University (Katedra Chemii Organicznej, Uniwersytet, Warszawski), in Warsaw.

"The Synthesis of Macrocyanine Dye Derivatives of Nucleosides. IV. The Exchange of the Acetamidino-Group in Mono-Ethyl-Thymothine-Macrocyanines for a Secondary Amino-Group."

Warsaw, Rochemiki Chemii, Vol 37, No 9, 1963, pp 933-937.

Abstract: [English article, authors' summary included.] The authors studied the exchange of amino group at the end of polynucleotide chain in the mono-ethyl-thymothine-macrocyanines. The hypothesis of the influence of the acyl group on the nitrogen atom has been confirmed. New hemimacrocyanine dye derivatives of rhodamine were obtained. The course of investigation is described. Twelve references, including 6 Polish, 1 German, 1 Japanese, and 4 Western.

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P/039/60/000/011/002/002
A221/A026

AUTHORS: Czernoch, S.; Repisky, I.; Micek, M.


TITLE: Rolling Mill Practice; Exploitation and Modelling of Soaking Pits

PERIODICAL: Hutnik, 1960, No. 11, pp. 441 - 444

TEXT: The focal point of this article is the description of research carried out at some of the Czechoslovak metallurgical plants, in order to find out the reason of Amsler type soaking pit failures and how, after having found it, the matter was to be put right. The reason of publishing this article is to familiarise wide circles of Polish rolling mill engineers with this interesting achievement. This article is the reprint of a paper, read in December 1959 during a meeting of SITPH in Katowice by S. Czernoch, Professor at the Politechnika (Polytechnical Institute) in Kosice, CSR. The paper was translated by Andrzejewski, Roman, Doctor of Engineering, deputy professor at the Akademia Górniczo Hutnicza (Mining and Metallurgical Academy) in Cracow. Some new ingot rolling mills were put into operation in Trzyniec, Konczyce and Witkowice in 1951, together with their soaking pits built according to the well known pattern of Amsler type pits, with two long-flame burners. The burners were fitted above the heads of the ingots on opposite walls, but not

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Rolling Mill Practice; Exploitation and Modelling of Soaking Pits


opposite each other. At first, three rows of ingots were placed in the pit, but heating of them was not satisfactory. With four rows of ingots, the result was even worse. At the plant in Trzyniec, the heating method of the soaking pit was modified by replacing two long-flame burners by four short-flame ones; they were placed in pairs on two opposite walls of the pit above the ingot heads, but each pair was facing exactly the opposite pair. When so modified, the soaking pit was put into operation and the result was astonishing. Heating of ingots was more even and, at the same time, gas consumption dropped by 15%. Taking into consideration the fact that more ingots were heated in one charge, the real efficiency of the modified pit was by 50% greater than that of the conventional Amsler type soaking pit. In order to find the explanation for this phenomenon a hydraulic test was carried out on a model. A scale model of the pit (1 : 10) was made of transparent material and the flow of gas was imitated by water with rape seeds floating in it. It was found that in the two-burner type soaking pit, the hot gas flowing above the ingot heads impinged on the opposite wall and, flowing down between the wall and the outer row of ingots, escaped through the exit pipes near the bottom of the pit, practically by-passing its centre. This explains the lack of uniformity in heating the ingots. The outer row of same was overheated and at the same time the lining of the pit

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A221/A026

Rolling Mill Practice; Exploitation and Modelling of Soaking Pits

damaged, whilst ingots in the central part were not hot enough. With four-burner soaking pits the matter was found to be entirely different. Stream of hot gas flowing from opposite burners clashes in the centre of the combustion chamber above the ingot heads and finds the escape route through the centre of the soaking pit between all ingots and out to the exit pipes. Because of this, all ingots are evenly heated, the refractory lining does not suffer excess overheating and the increased efficiency already mentioned takes place. Simple and cheap modification of the heating system allows for a considerable saving in gas consumption and for increase of plant output. There are 7 photographs.



Card 3/3

CZERNOCHOWSKI, Alfred

An interesting complementary course in Opole. Przegl geod 34 no.11:477
N '62.

CZERNICORDIK, C.

CZERNICORDIK, C. Problem of increasing the speed of freight trains. p.
434.

Vol. 7, No. 11, Nov. 1957
PRZEGŁAD TECHNICZNY
TECHNICAL
Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

CZERNOTZKY, A.

Effects of trace contaminants on the electrolysis of alkali chlorides with mercury cathodes. Adolf Czernotzky (VBB Chemiewerk, Munchritz, Ger.). *Atta Chim. Intern. Sci. Hung.* 18, 167-71 (1980) (in German).—Max. allowable concns. in the soln. for a 0.3% H content in the Cl, at approx. 4000 amp./sq. m. and 80°, were Ca 10^{-4} , Mg 10^{-4} , Fe $3 \cdot 10^{-4}$, Ti approx. 10^{-4} , and Mo, Cr, and V 10^{-4} – 10^{-5} g./l. Higher contaminant concns. resulted in reduction of H potential on the cathode, in reduced current efficiency, and in explosion hazard owing to the increase of the H content of the Cl gas. G. J. Egan.

EXCERPTA MEDICA Sec 7 Vol 13/o Pediatrics Sent 50

2537. WHY IS PEDIATRICS A SPECIALISM? - Warum ist die Pädiatrie eine
Spezialität? - Czerny A. Berlin - BOL. INST. PUERIC. (Rio de J.) 1958,
15/2 (130-134) ~~times~~.

This is a reprint from 1929. The late Dr. Czerny always defended the point of view
that pediatrics is part of internal medicine. The separation of pediatrics from adult
pathology is justified primarily for external technical reasons, and secondarily,
from the scientific point of view. Czerny was further of the opinion that the family
doctor and not pediatricians must treat the children. The latter should only be
necessary in some instances, to give advice in difficult cases.

Van Creveld - Amsterdam

CZERNY, B.

"A New Basis Of Estimation" p. 337. (Gospodarka Wodna, Vol. 13, no. 9, Sept. 1953, Warszawa)

SO: Monthly List of East European Vol. 3, No.2, Accessions, Library of Congress, February, 1954 ~~1953~~, Uncl.

CZERNY, E.

Principles of estimating cost based on the unified standards of estimating costs. p.111.

COOPERATION WODNA (Daczelna Organizacja Techniczna) Warszawa
Vol. 16, no. 3, Mar. 1966

So. East European Accessions List Vol. 2, No. 9 p. 10-11